

U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified <i>AUG 24 2001</i> USPTO)		APPM/3421.C1/ISM/COPPER/DV	09/609,347

SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Cheun, et al.	Confirmation No.:
(Use several sheets if necessary)		Filing Date	Group
	Examiner Unknown	July 5, 2000	1741

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						
	A3						
	A4						
	A5						
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	A7						
	A8						
	A9						
	A10						
	A11						

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
<i>CSN</i>	B1	93/17448	09-02-1993	WO	H01L	21/20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.		
<i>EGD</i>	C1	Search Report, prepared for Singapore Appl. No. 00010504, dated May 23, 2001		
	C2			
	C3			

Examiner <i>Erica Smith Sticks</i>	Date Considered <i>5-31-01</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.	

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U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>E8dt</i>	AA	5,723,028	03/03/1998	Poris	204	231	<i>RECEIVED OCT 25 2000</i>
	AB	5,718,813	02/17/1998	Drummond et al.	204	192.12	<i>GROUP 1700</i>
	AC	5,705,223	01/06/1998	Bunkofske	427	240	
	AD	5,651,865	07/29/1997	Sellers	204	192.13	
	AE	5,625,170	04/29/1997	Poris	177	50	
	AF	5,608,943	03/11/1997	Konishi et al.	15	302	
	AG	5,449,447	09/12/1995	Branders	205	141	
	AH	5,429,733	07/04/1995	Ishida	204	224 R	
	AI	5,415,890	05/16/1995	Kloiber et al.	427	242	
	AJ	5,377,708	01/03/1995	Bergman et al.	134	105	
<i>✓</i>	AK	5,368,711	11/29/1994	Poris	204	193	

Foreign Patent Documents

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		Document Number	Date	Country	Class	Subclass	Yes	No
<i>E8dt</i>	AL	WO 97/12079	04/03/1997	WIPO	C25D	5/02		X
	AM	JP 06017291	01/25/1994	Japan English Abstract	C25D	7/12		X
	AN	JP 04280993	10/06/1992	Japan English Abstract	C25D	5/18		X
	AO	JP 04131395	05/06/1992	Japan English Abstract	C25D	5/34		X
<i>✓</i>	AP	JP 63118093	05/23/1988	Japan English Abstract	C25D	5/18		X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>E8dt</i>	AQ	Lucio Colombo, "Wafer Back Surface Film Removal," Central R&D, SGS-THOMPSON Microelectronics, Agrate, Italy, 6 pages	<i>Year/Month Not Available</i>
<i>E8dt</i>	AR	Semitool [®] , Inc., "Metallization & Interconnect," 1998, 4 pages	<i>Month Not Available</i>
<i>E8dt</i>	AS	Verteq Online [®] , "Products Overview," 1996-1998, 5 pages	<i>Month Not Available</i>

Examiner *Eric Smith* Date Considered

5/31/02

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*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>SM</i>	BA	5,349,978	09/27/1994	Sago et al.	134	153	<i>OCT 25 2000</i>
	BB	5,328,589	07/12/1994	Martin	205	296	<i>GROUP 1700</i>
	BC	5,316,974	05/31/1994	Crank	437	190	
	BD	5,290,361	03/01/1994	Hayashida et al.	134	2	
	BE	5,259,407	11/09/1993	Tuchida et al.	134	151	
	BF	5,256,274	10/26/1993	Poris	205	123	
	BG	5,252,807	10/12/1993	Chizinsky	219	390	
	BH	5,230,743	07/27/1993	Thompson et al.	134	32	
	BJ	5,224,504	07/06/1993	Thompson et al.	134	155	
	BJ	5,222,310	06/29/1993	Thompson et al.	34	202	
<i>SM</i>	BK	5,162,260	11/10/1992	Leibovitz et al.	437	195	

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		Document Number	Date	Country	Class	Subclass	Yes	No
<i>SM</i>	BL	JP 58182823	10/25/1983	Japan English Abstract	H01L	21/288		X
	BM							
	BN							
	BO							
	BP							

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<i>SM</i>	BQ	Kenneth E. Pitney, "NEY Contact Manual," Electrical Contacts for Low Energy Uses, 1973, 19 pages, <i>month not available</i>
<i>SM</i>	BR	Peter Singer, "Wafer Processing," Semiconductor International, June 1998, 1 page.
<i>SM</i>	BS	Peter Singer, "Tantalum, Copper and Damascene: The Future of Interconnects," Semiconductor International, June 1998, 6 pages.

Examiner *Glucose and others* Date Considered *8/31/02*

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ESJ	CA	5,155,336	10/13/1992	Gronet et al.	219	411	OCT 25 2000
	CB	5,100,516	03/31/1992	Nishimura et al.	205	145	GROUP 1700
	CC	5,092,975	03/03/1992	Yamamura et al.	204	198	
	CD	5,069,760	12/03/1991	Tsukamoto et al.	205	80	
	CE	5,055,425	10/08/1991	Leibovitz et al.	437	195	
	CF	5,039,381	08/13/1991	Mullarkey	204	47.5	
	CG	4,732,785	03/22/1988	Brewer	427	240	
	CH	4,693,805	09/15/1987	Quazi	204	192.22	
	CI	4,519,846	05/28/1985	Aigo	134	15	
	CJ	4,518,678	05/21/1985	Allen	430	311	
✓	CK	4,510,176	04/09/1985	Cuthbert et al.	427	82	

Foreign Patent Documents

Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
	CL							
	CM							
	CN							
	CO							
	CP							

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ESJ	CQ	Ragnar Holm, "Electric Contacts Theory and Application," Springer-Verlag New York Inc 1967, 26 pages. *
ESJ	CR	Technologies Corporation, "Two control configurations available" 1998, 6 pages *
	CS	** = Month Not Available

Examiner	Date Considered
ESJ	5/31/02

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				July 5, 2000		1741		
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*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>ESR</i>	DA	4,489,740	12/25/1984	Rattan et al.	134	140	<i>RECEIVED OCT 25 2000 GROUP 1700</i>	
	DB	4,435,266	03/06/1984	Johnston	204	276		
	DC	4,428,815	01/31/1984	Powell et al.	204	297 W		
	DD	4,405,416	09/20/1983	Raistrick et al.	204	68		
	DE	4,376,685	03/15/1983	Watson	204	52 R		
	DF	4,336,114	06/22/1982	Mayer et al.	204	52 R		
	DG	4,315,059	02/09/1982	Raistrick et al.	429	112		
	DH	4,113,492	09/12/1978	Sato, et al.	96	67		
	DI	4,110,176	08/29/1978	Creutz, deceased et al.	204	52 R		
	DJ	4,092,176	05/30/1978	Kozai et al.	134	186		
	DK	4,027,686	06/07/1977	Shortes et al.	134	33		
	DL	3,770,598	11/06/1973	Creutz	204	52 R		
<i>✓</i>	DM	3,727,620	04/17/1973	Orr	134	95		
Foreign Patent Documents						Translation		
		Document Number	Date	Country	Class	Subclass	Yes	No
	DN							
	DO							
	DP							
	DQ							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	DR							
	DS							
	DT							
Examiner <i>Glouce Smith-Aches</i>		Date Considered <i>6/31/02</i>						
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LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant CHEUNG, ET AL.					
(Use several sheets if necessary)		JAN 29 2001 PATENT & TRADEMARK OFFICE	Filing Date 07/05/2000				
Examiner			Group 1741				
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*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
<i>clm</i>	A1 5,324,684	06/28/1994	Kermani, et al.	437	95	02/25/1992	
	A2						
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	A12						
	A13						
Foreign Patent Documents				TECHNOLOGY CENTER 1700	RECEIVED	JAN 21 2002	
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OTHER ART							
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.						
<i>clm</i>	C1	European Search Report dated December 11, 2000.					
	C2						
	C3						
Examiner <i>Erica L. Smith</i>				Date Considered <i>5/31/02</i>			
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